

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/26/2019 03/26/2019	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD0900_01_f_2018_6				
Comment Code					
Inspector Comment					
This LMA has the updated O&M manuals for the district.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD0900_01_s_2013_12				
Comment Code					
Inspector Comment					
This LMA has an adequate amount of sandbags, sand, and various flood fight supplies in their possession.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD0900_01_s_2013_16				
Comment Code					
Inspector Comment					
The crews in this LMA have taken the flood fighting training course provided by DWR.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Sacramento River	Right	7.70	03/26/2019 03/26/2019	Luz Dial

LM Start	1.79	Rating **	M	Issue No.	33
LM End	1.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.560143 °	38.560143 °
				-121.521195 °	-121.521195 °
DWR ID	DWR_RD0900_01_s_2019_33				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.05	Rating **	A/W	Issue No.	36
LM End	2.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.557865 °	38.557865 °
				-121.518175 °	-121.518175 °
DWR ID	DWR_RD0900_01_s_2018_36				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
LMA repaired slope damage, but vehicles continue to access river.					

Photo 1 of 1 : SP_2019_RD0900_230_36_20190307_00008.jpg



View of slope damage from vehicular traffic. Fall 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/26/2019 03/26/2019	Luz Dial

LM Start	2.35	Rating **	A/W	Issue No.	29
LM End	2.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.554277 °	38.552504 °
				-121.515263 °	-121.514752 °
DWR ID	DWR_RD0900_01_s _ 2019_29				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 56.7 R					
Status: Eroding					
2017 Field Notes: Fresh toe erosion. New rock placed.					
Site History: 2007 - Have good berm width with minor toe erosion.					
Close to the levee toe protection, but levee slope is steep. 2011 - New large erosion pocket. 2012 - Minor new erosion at the toe. Spring 2019					
DWR Inspection: Levee was repaired.					

No Photos

LM Start	2.37	Rating **	A/W	Issue No.	17
LM End	2.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.553877 °	38.553877 °
				-121.515575 °	-121.515575 °
DWR ID	DWR_RD0900_01_s _ 2019_17				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair erosion of landside berm.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0900 West Sacramento

View looking upstream at repaired erosion site. Spring 2019

No Photos

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Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/26/2019 03/26/2019	Luz Dial

LM Start	3.32	Rating **	M	Issue No.	357
LM End	3.32	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.540803 °	38.540803 °	
			-121.514255 °	-121.514255 °	
DWR ID	17769				

Comment Code

Inspector Comment

FS_ID:37668
 DS_ID:17769
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 02/26/2018 Pipe is located within the construction limits of the Levee Improvement Project for RD0900, As-builts PENDING Project Completion. -- UNDER CONSTRUCTION Levee Improvement Project, construction schedule Summer 2016 to November 2018. Levee improvements address through seepage, underseepage and slope stability and include strengthen-in-place improvements and construction of a setback levee. Reference: [Issued FOR CONSTRUCTION] West Sacramento Area Flood Control Agency Southport Levee Improvement Project Early Implementation Program. Southport Sacramento River Levee: (Stat 3+90 to Station 287+57). Volume 3 (W.O. # 41164) December 2016 Conformed Submittal. HDR Engineering Inc. Folsom, CA – (DWR UCIP – O. Magana)
 10/06/2009 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)
 FIELD_STRUCT_DESC: 24-inch pipe through the levee, 22.0 feet below the crown. Pump house at the landside (LS) toe. Screw gate in LS of the levee.
 Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (USGS River Mile [RM] 55.65), As-built drawing# 6-13-1100 page 3, January 1933]
 FS Date: 10/6/2009

LM Start	3.32	Rating **	M	Issue No.	357 (cont)
LM End	3.32	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2019_37668_68391.jpg



View of concrete structure located on landward side.

Photo 2 of 3 : UCIP_SP_2019_37668_68390.jpg



Pump house located on landward side.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/26/2019 03/26/2019	Luz Dial

LM Start	3.32	Rating **	M	Issue No.	357 (cont)	
LM End	3.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.540803 °	38.540803 °	
				-121.514255 °	-121.514255 °	
DWR ID	17769					
Comment Code						
Inspector Comment						
FS_ID:37668 DS_ID:17769 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/26/2018 Pipe is located within the construction limits of the Levee Improvement Project for RD0900, As-builts PENDING Project Completion. -- UNDER CONSTRUCTION Levee Improvement Project, construction schedule Summer 2016 to November 2018. Levee improvements address through seepage, underseepage and slope stability and include strengthen-in-place improvements and construction of a setback levee. Reference: [Issued FOR CONSTRUCTION] West Sacramento Area Flood Control Agency Southport Levee Improvement Project Early Implementation Program. Southport Sacramento River Levee: (Stat 3+90 to Station 287+57). Volume 3 (W.O. # 41164) December 2016 Conformed Submittal. HDR Engineering Inc. Folsom, CA – (DWR UCIP – O. Magana) 10/06/2009 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch pipe through the levee, 22.0 feet below the crown. Pump house at the landside (LS) toe. Screw gate in LS of the levee. Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (USGS River Mile [RM] 55.65), As-built drawing# 6-13-1100 page 3, January 1933] FS Date: 10/6/2009						

Photo 3 of 3 : UCIP_SP_2019_37668_68389.jpg



Pipe visible on waterward side visible through dense vegetation.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/26/2019 03/26/2019	Luz Dial

LM Start	3.41	Rating **	C	Issue No.	4
LM End	3.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.539770 °	38.539770 °
				-121.515276 °	-121.515276 °
DWR ID	DWR_RD0900_01_s _ 2014_4				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
This issue was corrected.					

No Photos

LM Start	4.04	Rating **	C	Issue No.	327
LM End	4.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.534759 °	38.534759 °
				-121.524902 °	-121.524902 °
DWR ID	DWR_RD0900_01_s _ 2012_327				
Comment Code					
DE : Debris					
Inspector Comment					
Concrete was removed during construction.					

No Photos

LM Start	4.10	Rating **	C	Issue No.	54
LM End	4.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.534364 °	38.534364 °
				-121.526051 °	-121.526051 °
DWR ID	DWR_RD0900_01_s _ 2012_54				
Comment Code					
DE : Debris					
Inspector Comment					
Concrete debris was removed during construction.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 Sacramento River	Right	7.70	03/26/2019 03/26/2019	Luz Dial

LM Start	4.95	Rating **	C	Issue No.	330
LM End	4.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.524898 °	38.524898 °
				-121.529674 °	-121.529674 °
DWR ID	DWR_RD0900_01_s _ 2012_330				
Comment Code					
DE : Debris					
Inspector Comment					

No Photos

LM Start	7.00	Rating **	C	Issue No.	24
LM End	7.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.513834 °	38.513556 °
				-121.554017 °	-121.554283 °
DWR ID	DWR_RD0900_01_s _ 2018_24				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	7.10	Rating **	C	Issue No.	343
LM End	7.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.512642 °	38.512642 °
				-121.554881 °	-121.554881 °
DWR ID	DWR_RD0900_01_s _ 2012_343				
Comment Code					
DE : Debris					
Inspector Comment					
Concrete debris was removed during construction.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	03/26/2019 03/26/2019	Luz Dial

LM Start	7.47	Rating **	A/W	Issue No.	59
LM End	7.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.507648 °	38.507648 °
				-121.557571 °	-121.557571 °
DWR ID	DWR_RD0900_01_f_2012_59				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
LMA sprayed Arundo on the waterside slope of the levee, but vegetation needs to be removed.					

Photo 1 of 1 : SP_2019_RD0900_230_59_20190307_00012.jpg



View of the arundo on the waterside of the levee during spring 2017 inspection.

LM Start	7.78	Rating **	A/W	Issue No.	15
LM End	7.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.503490 °	38.503490 °
				-121.559770 °	-121.559770 °
DWR ID	DWR_RD0900_01_f_2013_15				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
LMA sprayed Arundo on the waterside, but dead vegetation needs to be removed.					

Photo 1 of 2 : SP_2019_RD0900_230_15_20190307_00003.jpg



Picture of the arundo on the waterside of the levee during spring 2016 inspection.

LM Start	7.78	Rating **	A/W	Issue No.	15 (cont)
LM End	7.78	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2019_RD0900_230_15_20190307_00004.jpg



View of arundo on the waterside of the levee looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/26/2019 03/26/2019	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	41
LM End	0.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.582085 °	38.574708 °
				-121.567899 °	-121.580222 °
DWR ID	DWR_RD0900_02_s_2019_41				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well-maintained.					

Photo 1 of 1 : SP_2019_RD0900_231_41_20190327_00051.jpg



View of well-maintained landside vegetation. Spring 2019

LM Start	0.00	Rating **	A	Issue No.	42
LM End	0.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.582085 °	38.574708 °
				-121.567899 °	-121.580222 °
DWR ID	DWR_RD0900_02_s_2019_42				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well-maintained.					

Photo 1 of 1 : SP_2019_RD0900_231_42_20190327_00052.jpg



View of well-maintained waterside vegetation. Spring 2019

LM Start	1.47	Rating **	M	Issue No.	48
LM End	1.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566860 °	38.566860 °
				-121.582250 °	-121.582250 °
DWR ID	DWR_RD0900_02_s_2019_48				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree debris on slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/26/2019 03/26/2019	Luz Dial

LM Start	2.43	Rating **	M	Issue No.	45
LM End	2.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.552922 °	38.552922 °
				-121.582202 °	-121.582202 °
DWR ID	DWR_RD0900_02_s_2019_45				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree debris on waterside slope.					

No Photos

LM Start	3.26	Rating **	M	Issue No.	15
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.540943 °	38.540943 °
				-121.582280 °	-121.582280 °
DWR ID	DWR_RD0900_02_s_2012_15				
Comment Code					
PI : Pipe					
Inspector Comment					
Abandoned pipe still remains on the levee slope.					

Photo 1 of 1 : SP_2019_RD0900_231_15_20190307_00002.jpg



Abandoned pipes and debris were found on the landside of the levee looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/26/2019 03/26/2019	Luz Dial

LM Start	3.26	Rating **	A/W	Issue No.	40
LM End	5.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.540928 °	38.508969 °
				-121.581936 °	-121.581681 °
DWR ID	DWR_RD0900_02_f_2017_40				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:198					
Site Designation:RD 900-01					
Repair Type: Erosion					
Rating:Serious					
Field Date:6/6/2017					
Notes: LS, thorny vegetation is present at levee toe/canal. Light grass present along LS slope. Primary use of canal is for drainage, ranges in width 15-25; on average 20ft. RD rep. mentioned permitting has begun to replace drainage canal with 32in pipe for storm drainage to community. 8,600 LF of the LS levee has sloughing of the LS toe access road into drainage canal. There is no imminent threat of losing levee in next storm event. DWR inspector: LMA repaired two landside erosion sites (levee mile 5.26 and 4.63) during fall 2017 inspection.					

LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)
LM End	5.47	Issue Type +	Ma	Location *	

Photo 2 of 8 : LEVAL SP 2019 198 189.jpg



* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

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Unit No. 02 Yolo Bypass	Left	5.26	03/26/2019 03/26/2019	Luz Dial

LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)	
LM End	5.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.540928 °	38.508969 °	
				-121.581936 °	-121.581681 °	
DWR ID	DWR_RD0900_02_f_2017_40					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:198						
Site Designation:RD 900-01						
Repair Type: Erosion						
Rating:Serious						
Field Date:6/6/2017						
Notes: LS, thorny vegetation is present at levee toe/canal. Light grass present along LS slope. Primary use of canal is for drainage, ranges in width 15-25; on average 20ft. RD rep. mentioned permitting has begun to replace drainage canal with 32in pipe for storm drainage to community. 8,600 LF of the LS levee has sloughing of the LS toe access road into drainage canal. There is no imminent threat of losing levee in next storm event. DWR inspector: LMA repaired two landside erosion sites (levee mile 5.26 and 4.63) during fall 2017 inspection.						

LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)
LM End	5.47	Issue Type +	Ma	Location *	

Photo 3 of 8 : LEVAL_SP_2019_198_190.jpg



Photo 4 of 8 : LEVAL_SP_2019_198_197.jpg



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Unit No. 02 Yolo Bypass	Left	5.26	03/26/2019 03/26/2019	Luz Dial

LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)
LM End	5.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.540928 °	38.508969 °
				-121.581936 °	-121.581681 °
DWR ID	DWR_RD0900_02_f_2017_40				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:198					
Site Designation:RD 900-01					
Repair Type: Erosion					
Rating:Serious					
Field Date:6/6/2017					
Notes: LS, thorny vegetation is present at levee toe/canal. Light grass present along LS slope. Primary use of canal is for drainage, ranges in width 15-25; on average 20ft. RD rep. mentioned permitting has begun to replace drainage canal with 32in pipe for storm drainage to community. 8,600 LF of the LS levee has sloughing of the LS toe access road into drainage canal. There is no imminent threat of losing levee in next storm event. DWR inspector: LMA repaired two landside erosion sites (levee mile 5.26 and 4.63) during fall 2017 inspection.					

LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)
LM End	5.47	Issue Type +	Ma	Location *	

Photo 7 of 8 : SP_2019_RD0900_231_40_20190307_00010.jpg



View of a repaired slope instability site on the landside of the levee looking upstream on levee mile 4.63 (38.52111, -121.582148). Fall 2017

Photo 8 of 8 : SP_2019_RD0900_231_40_20190307_00011.jpg



View of a repaired slope instability site on the landside of the levee looking downstream on levee mile 4.63 (38.52111, -121.582148). Fall 2017

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/26/2019 03/26/2019	Luz Dial

LM Start	3.78	Rating **	M	Issue No.	50
LM End	3.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.533342 °	38.533213 °
				-121.582163 °	-121.582153 °
DWR ID	DWR_RD0900_02_s_2019_50				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.45	Rating **	A/W	Issue No.	51
LM End	4.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.523707 °	38.523707 °
				-121.582070 °	-121.582070 °
DWR ID	DWR_RD0900_02_s_2019_51				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Monitor rodent activity in the area.					

No Photos

LM Start	5.10	Rating **	U	Issue No.	54
LM End	5.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.514278 °	38.514278 °
				-121.582192 °	-121.582192 °
DWR ID	DWR_RD0900_02_s_2019_54				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
LMA mitigated 80' of a slip on the landside slope but needs to repair it in the dry season.					

Photo 1 of 2 : SP_2019_RD0900_231_54_20190327_00057.jpg



View looking north at ~80' landside slip that LMA mitigated. Spring 2019

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/26/2019 03/26/2019	Luz Dial

LM Start	5.10	Rating **	U	Issue No.	54 (cont)	
LM End	5.10	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.514278 °		38.514278 °
				-121.582192 °		-121.582192 °
DWR ID	DWR_RD0900_02_s_2019_54					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
LMA mitigated 80' of a slip on the landside slope but needs to repair it in the dry season.						

Photo 2 of 2 : SP_2019_RD0900_231_54_20190327_00058.jpg



View looking southeast at ~80' landside slip that LMA mitigated. Spring 2019

LM Start	5.24	Rating **	U	Issue No.	55
LM End	5.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.512212 °	38.511930 °
				-121.582177 °	-121.582187 °
DWR ID	DWR_RD0900_02_s_2019_55				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair slip that is ~100' long and 2-3' deep.					

Photo 1 of 2 : SP_2019_RD0900_231_55_20190327_00054.jpg



View looking northward at 100'-long slip that is roughly 2-3' deep. Spring 2019

LM Start	5.24	Rating **	U	Issue No.	55 (cont)
LM End	5.26	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2019_RD0900_231_55_20190327_00056.jpg



View looking southward at 100'-long slip that is roughly 2-3' deep. Spring 2019

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	03/26/2019 03/26/2019	Luz Dial

LM Start	5.45	Rating **	A/W	Issue No.	27
LM End	5.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.509217 °	38.509217 °
				-121.582140 °	-121.582140 °
DWR ID	DWR_RD0900_02_f_2018_27				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Monitor area for desiccation cracks on the levee slope.					

Photo 1 of 1 : SP_2019_RD0900_231_27_20190307_00003.jpg



View of desiccation cracks on levee. Fall 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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